



ENROLL US!

We Want to Be a Partner in EPA's
National Partnership for Environmental Priorities

IDENTIFYING INFORMATION

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Date: 9/1/05

PARTNER AGREEMENT

Our organization is choosing to become a partner in EPA's National Partnership for Environmental Priorities. Our goal is to reduce the quantity of one or more Priority Chemicals currently found in our products, processes, or releases using techniques such as source reduction, recycling, or other materials management practices. In this enrollment application, we identify one or more voluntary goals that we believe we can achieve as partners in this program. The voluntary goal(s) provided below is an initial estimate and may change over time. We may revise our goal(s) or withdraw from the program at any time. If/when we choose to revise our goals or withdraw from the program, we will notify EPA.

GOAL #1. Chemical Name: Trichloroethylene (TCE) **CASRN:** 79-01-6

Narrative description of proposed project: Modine Manufacturing Company specializes in thermal management equipment including HVAC modules and CO2 systems for automotive, truck and off-highway vehicles. Modine's goal for this program is to eliminate trichloroethylene (TCE) from the Harrodsburg, Kentucky manufacturing process by July, 2007. We are evaluating aqueous cleaning alternatives to TCE vapor degreasing including the development of alternate lubricant formulations used in the manufacturing process. This source reduction will result in the elimination of 62,000 pounds of TCE used in the manufacturing process annually.

How we will measure success: Internal goals have been established for development and validation of the aqueous cleaning alternatives. The use of TCE will be tracked monthly within Modine's Global Environmental Metrics program.

1a. Our voluntary **source reduction** goal for Chemical #1 is to reduce the amount of this chemical generated/used from a baseline amount of 62,000 pounds in December, 2001 (month/year) to a reduced amount of 0 pounds generated/used by July, 2007 (month/year).

1b. To accomplish this goal, we will use the following source reduction options (check all that apply):

- | | |
|--|---|
| <input checked="" type="checkbox"/> Equipment or technology modifications. | <input checked="" type="checkbox"/> Process or procedure modifications. |
| <input type="checkbox"/> Reformulation or redesign of products. | <input checked="" type="checkbox"/> Substitution of less toxic raw materials. |
| <input type="checkbox"/> Improvements in inventory control. | <input type="checkbox"/> Improvements in maintenance/housekeeping practices. |
| <input type="checkbox"/> Other (describe): _____ | |

2a. In addition to, or in lieu of using source reduction methods, our voluntary **recycling or recovery** goal for Chemical # 1 is to increase the recycled or recovered quantity of this chemical from a baseline amount of _____ pounds in _____ (month/year) to an increased quantity of _____ pounds by _____ (month/year).

2b. To accomplish this recycling or recovery goal, we will use the following options (check all that apply):

- | |
|--|
| <input type="checkbox"/> Direct use/reuse in a process to make a product. |
| <input type="checkbox"/> Processing the waste to recover or regenerate a usable product. |
| <input type="checkbox"/> Using/reusing waste as a substitute for a commercial product. |
| <input type="checkbox"/> Other (describe): _____ |